

Global Liquid Organic Hydrogen Carriers Market Growth 2023-2029

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Abstracts

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Liquid organic hydrogen carriers (LOHC) are organic compounds that can absorb and release hydrogen through chemical reactions. LOHCs can therefore be used as storage media for hydrogen. In principle, every unsaturated compound (organic molecules with C-C double or triple bonds) can take up hydrogen during hydrogenation. The sequence of endothermal dehydrogenation followed by hydrogen purification is considered as the main drawback which limits the overall efficiency of the storage cycle.

LPI (LP Information)' newest research report, the "Liquid Organic Hydrogen Carriers Industry Forecast" looks at past sales and reviews total world Liquid Organic Hydrogen Carriers sales in 2022, providing a comprehensive analysis by region and market sector of projected Liquid Organic Hydrogen Carriers sales for 2023 through 2029. With Liquid Organic Hydrogen Carriers sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Liquid Organic Hydrogen Carriers industry.

This Insight Report provides a comprehensive analysis of the global Liquid Organic Hydrogen Carriers landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Liquid Organic Hydrogen Carriers portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Liquid Organic Hydrogen Carriers market.

This Insight Report evaluates the key market trends, drivers, and affecting factors

shaping the global outlook for Liquid Organic Hydrogen Carriers and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Liquid Organic Hydrogen Carriers.

The global Liquid Organic Hydrogen Carriers market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Liquid Organic Hydrogen Carriers is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Liquid Organic Hydrogen Carriers is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Liquid Organic Hydrogen Carriers is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Liquid Organic Hydrogen Carriers players cover Hynertech, Chiyoda Corporation, Hydrogenious Technologies, Covalion and Wuhuan Engineering, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Liquid Organic Hydrogen Carriers market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Cyclohexane

Carbazole

Trans-decalin

Toluene-Methylcyclohexane

Segmentation by application

New Energy Vehicles

Research Institutions

Emergency Response System

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Hynertech

Chiyoda Corporation

Hydrogenious Technologies

Covalion

Wuhuan Engineering

Key Questions Addressed in this Report

What is the 10-year outlook for the global Liquid Organic Hydrogen Carriers market?

What factors are driving Liquid Organic Hydrogen Carriers market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Liquid Organic Hydrogen Carriers market opportunities vary by end market size?

How does Liquid Organic Hydrogen Carriers break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Liquid Organic Hydrogen Carriers Annual Sales 2018-2029
 - 2.1.2 World Current & Future Analysis for Liquid Organic Hydrogen Carriers by Geographic Region, 2018, 2022 & 2029
 - 2.1.3 World Current & Future Analysis for Liquid Organic Hydrogen Carriers by Country/Region, 2018, 2022 & 2029
- 2.2 Liquid Organic Hydrogen Carriers Segment by Type
 - 2.2.1 Cyclohexane
 - 2.2.2 Carbazole
 - 2.2.3 Trans-decalin
 - 2.2.4 Toluene-Methylcyclohexane
- 2.3 Liquid Organic Hydrogen Carriers Sales by Type
 - 2.3.1 Global Liquid Organic Hydrogen Carriers Sales Market Share by Type (2018-2023)
 - 2.3.2 Global Liquid Organic Hydrogen Carriers Revenue and Market Share by Type (2018-2023)
 - 2.3.3 Global Liquid Organic Hydrogen Carriers Sale Price by Type (2018-2023)
- 2.4 Liquid Organic Hydrogen Carriers Segment by Application
 - 2.4.1 New Energy Vehicles
 - 2.4.2 Research Institutions
 - 2.4.3 Emergency Response System
- 2.5 Liquid Organic Hydrogen Carriers Sales by Application
 - 2.5.1 Global Liquid Organic Hydrogen Carriers Sale Market Share by Application (2018-2023)

2.5.2 Global Liquid Organic Hydrogen Carriers Revenue and Market Share by Application (2018-2023)

2.5.3 Global Liquid Organic Hydrogen Carriers Sale Price by Application (2018-2023)

3 GLOBAL LIQUID ORGANIC HYDROGEN CARRIERS BY COMPANY

3.1 Global Liquid Organic Hydrogen Carriers Breakdown Data by Company

3.1.1 Global Liquid Organic Hydrogen Carriers Annual Sales by Company (2018-2023)

3.1.2 Global Liquid Organic Hydrogen Carriers Sales Market Share by Company (2018-2023)

3.2 Global Liquid Organic Hydrogen Carriers Annual Revenue by Company (2018-2023)

3.2.1 Global Liquid Organic Hydrogen Carriers Revenue by Company (2018-2023)

3.2.2 Global Liquid Organic Hydrogen Carriers Revenue Market Share by Company (2018-2023)

3.3 Global Liquid Organic Hydrogen Carriers Sale Price by Company

3.4 Key Manufacturers Liquid Organic Hydrogen Carriers Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Liquid Organic Hydrogen Carriers Product Location Distribution

3.4.2 Players Liquid Organic Hydrogen Carriers Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR LIQUID ORGANIC HYDROGEN CARRIERS BY GEOGRAPHIC REGION

4.1 World Historic Liquid Organic Hydrogen Carriers Market Size by Geographic Region (2018-2023)

4.1.1 Global Liquid Organic Hydrogen Carriers Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Liquid Organic Hydrogen Carriers Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic Liquid Organic Hydrogen Carriers Market Size by Country/Region (2018-2023)

4.2.1 Global Liquid Organic Hydrogen Carriers Annual Sales by Country/Region

(2018-2023)

4.2.2 Global Liquid Organic Hydrogen Carriers Annual Revenue by Country/Region

(2018-2023)

4.3 Americas Liquid Organic Hydrogen Carriers Sales Growth

4.4 APAC Liquid Organic Hydrogen Carriers Sales Growth

4.5 Europe Liquid Organic Hydrogen Carriers Sales Growth

4.6 Middle East & Africa Liquid Organic Hydrogen Carriers Sales Growth

5 AMERICAS

5.1 Americas Liquid Organic Hydrogen Carriers Sales by Country

5.1.1 Americas Liquid Organic Hydrogen Carriers Sales by Country (2018-2023)

5.1.2 Americas Liquid Organic Hydrogen Carriers Revenue by Country (2018-2023)

5.2 Americas Liquid Organic Hydrogen Carriers Sales by Type

5.3 Americas Liquid Organic Hydrogen Carriers Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Liquid Organic Hydrogen Carriers Sales by Region

6.1.1 APAC Liquid Organic Hydrogen Carriers Sales by Region (2018-2023)

6.1.2 APAC Liquid Organic Hydrogen Carriers Revenue by Region (2018-2023)

6.2 APAC Liquid Organic Hydrogen Carriers Sales by Type

6.3 APAC Liquid Organic Hydrogen Carriers Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Liquid Organic Hydrogen Carriers by Country

7.1.1 Europe Liquid Organic Hydrogen Carriers Sales by Country (2018-2023)

- 7.1.2 Europe Liquid Organic Hydrogen Carriers Revenue by Country (2018-2023)
- 7.2 Europe Liquid Organic Hydrogen Carriers Sales by Type
- 7.3 Europe Liquid Organic Hydrogen Carriers Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Liquid Organic Hydrogen Carriers by Country
 - 8.1.1 Middle East & Africa Liquid Organic Hydrogen Carriers Sales by Country (2018-2023)
 - 8.1.2 Middle East & Africa Liquid Organic Hydrogen Carriers Revenue by Country (2018-2023)
- 8.2 Middle East & Africa Liquid Organic Hydrogen Carriers Sales by Type
- 8.3 Middle East & Africa Liquid Organic Hydrogen Carriers Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Liquid Organic Hydrogen Carriers
- 10.3 Manufacturing Process Analysis of Liquid Organic Hydrogen Carriers
- 10.4 Industry Chain Structure of Liquid Organic Hydrogen Carriers

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Liquid Organic Hydrogen Carriers Distributors

11.3 Liquid Organic Hydrogen Carriers Customer

12 WORLD FORECAST REVIEW FOR LIQUID ORGANIC HYDROGEN CARRIERS BY GEOGRAPHIC REGION

12.1 Global Liquid Organic Hydrogen Carriers Market Size Forecast by Region

12.1.1 Global Liquid Organic Hydrogen Carriers Forecast by Region (2024-2029)

12.1.2 Global Liquid Organic Hydrogen Carriers Annual Revenue Forecast by Region (2024-2029)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Liquid Organic Hydrogen Carriers Forecast by Type

12.7 Global Liquid Organic Hydrogen Carriers Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 Hynertech

13.1.1 Hynertech Company Information

13.1.2 Hynertech Liquid Organic Hydrogen Carriers Product Portfolios and Specifications

13.1.3 Hynertech Liquid Organic Hydrogen Carriers Sales, Revenue, Price and Gross Margin (2018-2023)

13.1.4 Hynertech Main Business Overview

13.1.5 Hynertech Latest Developments

13.2 Chiyoda Corporation

13.2.1 Chiyoda Corporation Company Information

13.2.2 Chiyoda Corporation Liquid Organic Hydrogen Carriers Product Portfolios and Specifications

13.2.3 Chiyoda Corporation Liquid Organic Hydrogen Carriers Sales, Revenue, Price and Gross Margin (2018-2023)

13.2.4 Chiyoda Corporation Main Business Overview

13.2.5 Chiyoda Corporation Latest Developments

13.3 Hydrogenious Technologies

- 13.3.1 Hydrogenious Technologies Company Information
- 13.3.2 Hydrogenious Technologies Liquid Organic Hydrogen Carriers Product Portfolios and Specifications
- 13.3.3 Hydrogenious Technologies Liquid Organic Hydrogen Carriers Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.3.4 Hydrogenious Technologies Main Business Overview
- 13.3.5 Hydrogenious Technologies Latest Developments
- 13.4 Covalion
 - 13.4.1 Covalion Company Information
 - 13.4.2 Covalion Liquid Organic Hydrogen Carriers Product Portfolios and Specifications
 - 13.4.3 Covalion Liquid Organic Hydrogen Carriers Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.4.4 Covalion Main Business Overview
 - 13.4.5 Covalion Latest Developments
- 13.5 Wuhuan Engineering
 - 13.5.1 Wuhuan Engineering Company Information
 - 13.5.2 Wuhuan Engineering Liquid Organic Hydrogen Carriers Product Portfolios and Specifications
 - 13.5.3 Wuhuan Engineering Liquid Organic Hydrogen Carriers Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.5.4 Wuhuan Engineering Main Business Overview
 - 13.5.5 Wuhuan Engineering Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Liquid Organic Hydrogen Carriers Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)
- Table 2. Liquid Organic Hydrogen Carriers Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)
- Table 3. Major Players of Cyclohexane
- Table 4. Major Players of Carbazole
- Table 5. Major Players of Trans-decalin
- Table 6. Major Players of Toluene-Methylcyclohexane
- Table 7. Global Liquid Organic Hydrogen Carriers Sales by Type (2018-2023) & (Kiloton)
- Table 8. Global Liquid Organic Hydrogen Carriers Sales Market Share by Type (2018-2023)
- Table 9. Global Liquid Organic Hydrogen Carriers Revenue by Type (2018-2023) & (\$ million)
- Table 10. Global Liquid Organic Hydrogen Carriers Revenue Market Share by Type (2018-2023)
- Table 11. Global Liquid Organic Hydrogen Carriers Sale Price by Type (2018-2023) & (US\$/Ton)
- Table 12. Global Liquid Organic Hydrogen Carriers Sales by Application (2018-2023) & (Kiloton)
- Table 13. Global Liquid Organic Hydrogen Carriers Sales Market Share by Application (2018-2023)
- Table 14. Global Liquid Organic Hydrogen Carriers Revenue by Application (2018-2023)
- Table 15. Global Liquid Organic Hydrogen Carriers Revenue Market Share by Application (2018-2023)
- Table 16. Global Liquid Organic Hydrogen Carriers Sale Price by Application (2018-2023) & (US\$/Ton)
- Table 17. Global Liquid Organic Hydrogen Carriers Sales by Company (2018-2023) & (Kiloton)
- Table 18. Global Liquid Organic Hydrogen Carriers Sales Market Share by Company (2018-2023)
- Table 19. Global Liquid Organic Hydrogen Carriers Revenue by Company (2018-2023) (\$ Millions)
- Table 20. Global Liquid Organic Hydrogen Carriers Revenue Market Share by Company

(2018-2023)

Table 21. Global Liquid Organic Hydrogen Carriers Sale Price by Company (2018-2023) & (US\$/Ton)

Table 22. Key Manufacturers Liquid Organic Hydrogen Carriers Producing Area Distribution and Sales Area

Table 23. Players Liquid Organic Hydrogen Carriers Products Offered

Table 24. Liquid Organic Hydrogen Carriers Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 25. New Products and Potential Entrants

Table 26. Mergers & Acquisitions, Expansion

Table 27. Global Liquid Organic Hydrogen Carriers Sales by Geographic Region (2018-2023) & (Kiloton)

Table 28. Global Liquid Organic Hydrogen Carriers Sales Market Share Geographic Region (2018-2023)

Table 29. Global Liquid Organic Hydrogen Carriers Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 30. Global Liquid Organic Hydrogen Carriers Revenue Market Share by Geographic Region (2018-2023)

Table 31. Global Liquid Organic Hydrogen Carriers Sales by Country/Region (2018-2023) & (Kiloton)

Table 32. Global Liquid Organic Hydrogen Carriers Sales Market Share by Country/Region (2018-2023)

Table 33. Global Liquid Organic Hydrogen Carriers Revenue by Country/Region (2018-2023) & (\$ millions)

Table 34. Global Liquid Organic Hydrogen Carriers Revenue Market Share by Country/Region (2018-2023)

Table 35. Americas Liquid Organic Hydrogen Carriers Sales by Country (2018-2023) & (Kiloton)

Table 36. Americas Liquid Organic Hydrogen Carriers Sales Market Share by Country (2018-2023)

Table 37. Americas Liquid Organic Hydrogen Carriers Revenue by Country (2018-2023) & (\$ Millions)

Table 38. Americas Liquid Organic Hydrogen Carriers Revenue Market Share by Country (2018-2023)

Table 39. Americas Liquid Organic Hydrogen Carriers Sales by Type (2018-2023) & (Kiloton)

Table 40. Americas Liquid Organic Hydrogen Carriers Sales by Application (2018-2023) & (Kiloton)

Table 41. APAC Liquid Organic Hydrogen Carriers Sales by Region (2018-2023) &

(Kiloton)

Table 42. APAC Liquid Organic Hydrogen Carriers Sales Market Share by Region (2018-2023)

Table 43. APAC Liquid Organic Hydrogen Carriers Revenue by Region (2018-2023) & (\$ Millions)

Table 44. APAC Liquid Organic Hydrogen Carriers Revenue Market Share by Region (2018-2023)

Table 45. APAC Liquid Organic Hydrogen Carriers Sales by Type (2018-2023) & (Kiloton)

Table 46. APAC Liquid Organic Hydrogen Carriers Sales by Application (2018-2023) & (Kiloton)

Table 47. Europe Liquid Organic Hydrogen Carriers Sales by Country (2018-2023) & (Kiloton)

Table 48. Europe Liquid Organic Hydrogen Carriers Sales Market Share by Country (2018-2023)

Table 49. Europe Liquid Organic Hydrogen Carriers Revenue by Country (2018-2023) & (\$ Millions)

Table 50. Europe Liquid Organic Hydrogen Carriers Revenue Market Share by Country (2018-2023)

Table 51. Europe Liquid Organic Hydrogen Carriers Sales by Type (2018-2023) & (Kiloton)

Table 52. Europe Liquid Organic Hydrogen Carriers Sales by Application (2018-2023) & (Kiloton)

Table 53. Middle East & Africa Liquid Organic Hydrogen Carriers Sales by Country (2018-2023) & (Kiloton)

Table 54. Middle East & Africa Liquid Organic Hydrogen Carriers Sales Market Share by Country (2018-2023)

Table 55. Middle East & Africa Liquid Organic Hydrogen Carriers Revenue by Country (2018-2023) & (\$ Millions)

Table 56. Middle East & Africa Liquid Organic Hydrogen Carriers Revenue Market Share by Country (2018-2023)

Table 57. Middle East & Africa Liquid Organic Hydrogen Carriers Sales by Type (2018-2023) & (Kiloton)

Table 58. Middle East & Africa Liquid Organic Hydrogen Carriers Sales by Application (2018-2023) & (Kiloton)

Table 59. Key Market Drivers & Growth Opportunities of Liquid Organic Hydrogen Carriers

Table 60. Key Market Challenges & Risks of Liquid Organic Hydrogen Carriers

Table 61. Key Industry Trends of Liquid Organic Hydrogen Carriers

Table 62. Liquid Organic Hydrogen Carriers Raw Material
Table 63. Key Suppliers of Raw Materials
Table 64. Liquid Organic Hydrogen Carriers Distributors List
Table 65. Liquid Organic Hydrogen Carriers Customer List
Table 66. Global Liquid Organic Hydrogen Carriers Sales Forecast by Region (2024-2029) & (Kiloton)
Table 67. Global Liquid Organic Hydrogen Carriers Revenue Forecast by Region (2024-2029) & (\$ millions)
Table 68. Americas Liquid Organic Hydrogen Carriers Sales Forecast by Country (2024-2029) & (Kiloton)
Table 69. Americas Liquid Organic Hydrogen Carriers Revenue Forecast by Country (2024-2029) & (\$ millions)
Table 70. APAC Liquid Organic Hydrogen Carriers Sales Forecast by Region (2024-2029) & (Kiloton)
Table 71. APAC Liquid Organic Hydrogen Carriers Revenue Forecast by Region (2024-2029) & (\$ millions)
Table 72. Europe Liquid Organic Hydrogen Carriers Sales Forecast by Country (2024-2029) & (Kiloton)
Table 73. Europe Liquid Organic Hydrogen Carriers Revenue Forecast by Country (2024-2029) & (\$ millions)
Table 74. Middle East & Africa Liquid Organic Hydrogen Carriers Sales Forecast by Country (2024-2029) & (Kiloton)
Table 75. Middle East & Africa Liquid Organic Hydrogen Carriers Revenue Forecast by Country (2024-2029) & (\$ millions)
Table 76. Global Liquid Organic Hydrogen Carriers Sales Forecast by Type (2024-2029) & (Kiloton)
Table 77. Global Liquid Organic Hydrogen Carriers Revenue Forecast by Type (2024-2029) & (\$ Millions)
Table 78. Global Liquid Organic Hydrogen Carriers Sales Forecast by Application (2024-2029) & (Kiloton)
Table 79. Global Liquid Organic Hydrogen Carriers Revenue Forecast by Application (2024-2029) & (\$ Millions)
Table 80. Hynertech Basic Information, Liquid Organic Hydrogen Carriers Manufacturing Base, Sales Area and Its Competitors
Table 81. Hynertech Liquid Organic Hydrogen Carriers Product Portfolios and Specifications
Table 82. Hynertech Liquid Organic Hydrogen Carriers Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
Table 83. Hynertech Main Business

Table 84. Hynertech Latest Developments
Table 85. Chiyoda Corporation Basic Information, Liquid Organic Hydrogen Carriers Manufacturing Base, Sales Area and Its Competitors
Table 86. Chiyoda Corporation Liquid Organic Hydrogen Carriers Product Portfolios and Specifications
Table 87. Chiyoda Corporation Liquid Organic Hydrogen Carriers Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
Table 88. Chiyoda Corporation Main Business
Table 89. Chiyoda Corporation Latest Developments
Table 90. Hydrogenious Technologies Basic Information, Liquid Organic Hydrogen Carriers Manufacturing Base, Sales Area and Its Competitors
Table 91. Hydrogenious Technologies Liquid Organic Hydrogen Carriers Product Portfolios and Specifications
Table 92. Hydrogenious Technologies Liquid Organic Hydrogen Carriers Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
Table 93. Hydrogenious Technologies Main Business
Table 94. Hydrogenious Technologies Latest Developments
Table 95. Covalion Basic Information, Liquid Organic Hydrogen Carriers Manufacturing Base, Sales Area and Its Competitors
Table 96. Covalion Liquid Organic Hydrogen Carriers Product Portfolios and Specifications
Table 97. Covalion Liquid Organic Hydrogen Carriers Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
Table 98. Covalion Main Business
Table 99. Covalion Latest Developments
Table 100. Wuhuan Engineering Basic Information, Liquid Organic Hydrogen Carriers Manufacturing Base, Sales Area and Its Competitors
Table 101. Wuhuan Engineering Liquid Organic Hydrogen Carriers Product Portfolios and Specifications
Table 102. Wuhuan Engineering Liquid Organic Hydrogen Carriers Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
Table 103. Wuhuan Engineering Main Business
Table 104. Wuhuan Engineering Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Liquid Organic Hydrogen Carriers
- Figure 2. Liquid Organic Hydrogen Carriers Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Liquid Organic Hydrogen Carriers Sales Growth Rate 2018-2029 (Kiloton)
- Figure 7. Global Liquid Organic Hydrogen Carriers Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Liquid Organic Hydrogen Carriers Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Cyclohexane
- Figure 10. Product Picture of Carbazole
- Figure 11. Product Picture of Trans-decalin
- Figure 12. Product Picture of Toluene-Methylcyclohexane
- Figure 13. Global Liquid Organic Hydrogen Carriers Sales Market Share by Type in 2022
- Figure 14. Global Liquid Organic Hydrogen Carriers Revenue Market Share by Type (2018-2023)
- Figure 15. Liquid Organic Hydrogen Carriers Consumed in New Energy Vehicles
- Figure 16. Global Liquid Organic Hydrogen Carriers Market: New Energy Vehicles (2018-2023) & (Kiloton)
- Figure 17. Liquid Organic Hydrogen Carriers Consumed in Research Institutions
- Figure 18. Global Liquid Organic Hydrogen Carriers Market: Research Institutions (2018-2023) & (Kiloton)
- Figure 19. Liquid Organic Hydrogen Carriers Consumed in Emergency Response System
- Figure 20. Global Liquid Organic Hydrogen Carriers Market: Emergency Response System (2018-2023) & (Kiloton)
- Figure 21. Global Liquid Organic Hydrogen Carriers Sales Market Share by Application (2022)
- Figure 22. Global Liquid Organic Hydrogen Carriers Revenue Market Share by Application in 2022
- Figure 23. Liquid Organic Hydrogen Carriers Sales Market by Company in 2022 (Kiloton)

Figure 24. Global Liquid Organic Hydrogen Carriers Sales Market Share by Company in 2022

Figure 25. Liquid Organic Hydrogen Carriers Revenue Market by Company in 2022 (\$ Million)

Figure 26. Global Liquid Organic Hydrogen Carriers Revenue Market Share by Company in 2022

Figure 27. Global Liquid Organic Hydrogen Carriers Sales Market Share by Geographic Region (2018-2023)

Figure 28. Global Liquid Organic Hydrogen Carriers Revenue Market Share by Geographic Region in 2022

Figure 29. Americas Liquid Organic Hydrogen Carriers Sales 2018-2023 (Kiloton)

Figure 30. Americas Liquid Organic Hydrogen Carriers Revenue 2018-2023 (\$ Millions)

Figure 31. APAC Liquid Organic Hydrogen Carriers Sales 2018-2023 (Kiloton)

Figure 32. APAC Liquid Organic Hydrogen Carriers Revenue 2018-2023 (\$ Millions)

Figure 33. Europe Liquid Organic Hydrogen Carriers Sales 2018-2023 (Kiloton)

Figure 34. Europe Liquid Organic Hydrogen Carriers Revenue 2018-2023 (\$ Millions)

Figure 35. Middle East & Africa Liquid Organic Hydrogen Carriers Sales 2018-2023 (Kiloton)

Figure 36. Middle East & Africa Liquid Organic Hydrogen Carriers Revenue 2018-2023 (\$ Millions)

Figure 37. Americas Liquid Organic Hydrogen Carriers Sales Market Share by Country in 2022

Figure 38. Americas Liquid Organic Hydrogen Carriers Revenue Market Share by Country in 2022

Figure 39. Americas Liquid Organic Hydrogen Carriers Sales Market Share by Type (2018-2023)

Figure 40. Americas Liquid Organic Hydrogen Carriers Sales Market Share by Application (2018-2023)

Figure 41. United States Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 42. Canada Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 43. Mexico Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 44. Brazil Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 45. APAC Liquid Organic Hydrogen Carriers Sales Market Share by Region in 2022

Figure 46. APAC Liquid Organic Hydrogen Carriers Revenue Market Share by Regions

in 2022

Figure 47. APAC Liquid Organic Hydrogen Carriers Sales Market Share by Type (2018-2023)

Figure 48. APAC Liquid Organic Hydrogen Carriers Sales Market Share by Application (2018-2023)

Figure 49. China Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 50. Japan Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 51. South Korea Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 52. Southeast Asia Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 53. India Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 54. Australia Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 55. China Taiwan Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 56. Europe Liquid Organic Hydrogen Carriers Sales Market Share by Country in 2022

Figure 57. Europe Liquid Organic Hydrogen Carriers Revenue Market Share by Country in 2022

Figure 58. Europe Liquid Organic Hydrogen Carriers Sales Market Share by Type (2018-2023)

Figure 59. Europe Liquid Organic Hydrogen Carriers Sales Market Share by Application (2018-2023)

Figure 60. Germany Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 61. France Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 62. UK Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 63. Italy Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 64. Russia Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 65. Middle East & Africa Liquid Organic Hydrogen Carriers Sales Market Share by Country in 2022

Figure 66. Middle East & Africa Liquid Organic Hydrogen Carriers Revenue Market Share by Country in 2022

Figure 67. Middle East & Africa Liquid Organic Hydrogen Carriers Sales Market Share by Type (2018-2023)

Figure 68. Middle East & Africa Liquid Organic Hydrogen Carriers Sales Market Share by Application (2018-2023)

Figure 69. Egypt Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 70. South Africa Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 71. Israel Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 72. Turkey Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 73. GCC Country Liquid Organic Hydrogen Carriers Revenue Growth 2018-2023 (\$ Millions)

Figure 74. Manufacturing Cost Structure Analysis of Liquid Organic Hydrogen Carriers in 2022

Figure 75. Manufacturing Process Analysis of Liquid Organic Hydrogen Carriers

Figure 76. Industry Chain Structure of Liquid Organic Hydrogen Carriers

Figure 77. Channels of Distribution

Figure 78. Global Liquid Organic Hydrogen Carriers Sales Market Forecast by Region (2024-2029)

Figure 79. Global Liquid Organic Hydrogen Carriers Revenue Market Share Forecast by Region (2024-2029)

Figure 80. Global Liquid Organic Hydrogen Carriers Sales Market Share Forecast by Type (2024-2029)

Figure 81. Global Liquid Organic Hydrogen Carriers Revenue Market Share Forecast by Type (2024-2029)

Figure 82. Global Liquid Organic Hydrogen Carriers Sales Market Share Forecast by Application (2024-2029)

Figure 83. Global Liquid Organic Hydrogen Carriers Revenue Market Share Forecast by Application (2024-2029)

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